



# State of Utah

## Department of Natural Resources

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas & Mining

JOHN R. BAZA  
Division Director

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

#### Representatives Present During the Inspection:

Company Mike Davis

OGM Pete Hess Environmental Scientist III

## Inspection Report

Permit Number:	C0410002
Inspection Type:	PARTIAL
Inspection Date:	Thursday, November 09, 2006
Start Date/Time:	11/9/2006 9:12:00 AM
End Date/Time:	11/9/2006 2:00:00 PM
Last Inspection:	Monday, October 02, 2006

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, cold, and breezy.

InspectionID Report Number: 1145

Accepted by: whedberg

11/28/2006

Permittee: **CANYON FUEL COMPANY LLC**

Operator: **CANYON FUEL COMPANY LLC**

Site: **SUFCO MINE**

Address: **397 S 800 W, SALINA UT 84654**

County: **SEVIER**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

26,766.95	<b>Total Permitted</b>
27.36	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☒ State  
☐ County  
☐ Fee  
☐ Other

#### Types of Operations

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee is current relative to the submittal of quarterly surface and ground water monitoring requirements.

The Special Permit Condition (Attachment A) is being met.

There are no pending compliance actions for the SUFCO Mine permit area.

Inspector's Signature:

Date Friday, November 24, 2006

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

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### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**4.c Hydrologic Balance: Other Sediment Control Measures**

The Permittee has a problem in the Link Canyon portal area, in that runoff from the USFS road above the Link portal is accessing this disturbed area via the ASCA's access road. October was a very wet month, and several flows have jumped this junction, washing the gravel which is used as one of the sediment control measures down the road slope toward the portal and the undisturbed bypass culverts. These flows have also overtopped two of the Permittee's silt fences in this area. The Permittee has been asked to clean and repair the two silt fences and implement a change to the drainage pattern at the ASCA access road junction. This is necessary to route the FS access road runoff down the road, rather than through the Permittee's disturbed area. Sand bags across this area were suggested in order to divert the FS road runoff. Mr. Davis took action to have the silt fences repaired and the washed road graded.

**4.d Hydrologic Balance: Water Monitoring**

The Quitchupah Creek / Route 10 crossing was observed this day enroute to the Mine. The flow was clear.

**8. Noncoal Waste**

The Permittee found it necessary to replace an electrical transformer in the lower Canyon pump house on November 8, 2006. This was done by opening up the roof of the structure, and lowering the transformer into place. Noncoal waste (shingles, tar paper, plastic jugs, etc.) was observed in the area. The clean up of this waste is a priority item on the Permittee's "To Do" list.

**14. Subsidence Control**

The Permittee has made new repairs to an old subsidence crack (in a road) ENE of Johnson pond. This crack was first repaired in 1998. According to Mr. Davis, this new crack is approximately two inches wide.

**18. Support Facilities, Utility Installations**

The Permittee continues to make progress relative to the retro-fit of the lower substation area. New concrete pours for the foundation of a new motor control center building were observed. The Permittee found it necessary to increase the surface area of this utility facility by approximately 2,500 square feet in order to accommodate electrical apparatus from the hillside substation facility. Permitting was accomplished via Task ID #2666.

**20. Air Quality Permit**

Paved areas of the truck loading / scale house area were observed to have been recently wet down.

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**22. Other**

The Permittee has enhanced the dam on the south end of the Box pond impounding embankment. Sediment from the pond was used as material. This was done at the request of the USFS. Exploration activities for the SUFCO Mine permit area have ended for 2006. Mr. Mark Bunnell has informed the DOGM that hole B-05 on the SITLA Muddy tract and one hole on Federal BLM area remain to be drilled. Surveyors employed by the Sevier County Special Service District were observed in Quitchupah Canyon below the Mine site; design work for the new road (Quitchupah road) to connect the mine with Route 10 is proceeding.